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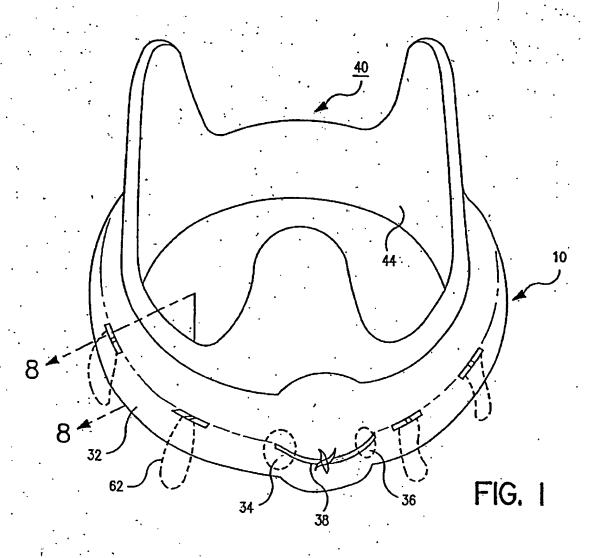
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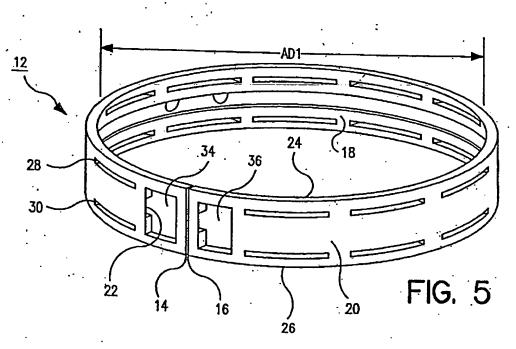
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APPLICANT: MARK SHU ET AL.

DOCKET NO.: M190.148.101 / P-11480.00
TITLE: SUTURE LOCKING ASSEMBLY AND METHOD OF USE

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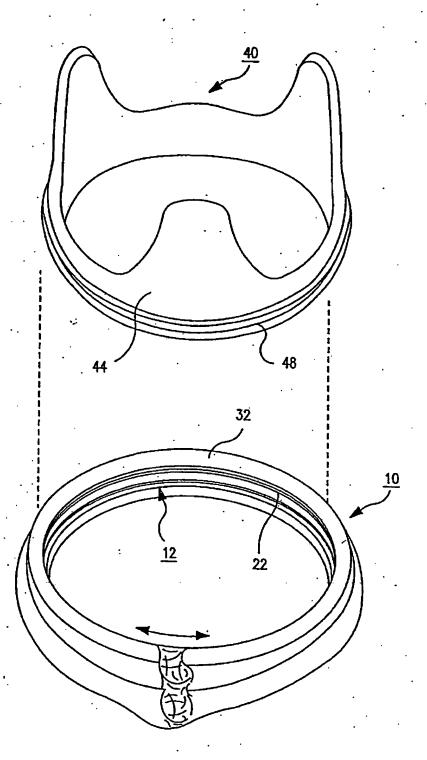
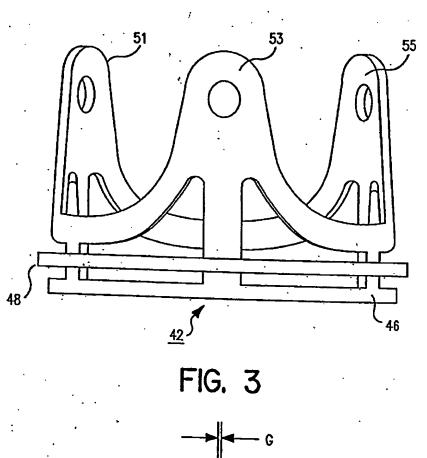


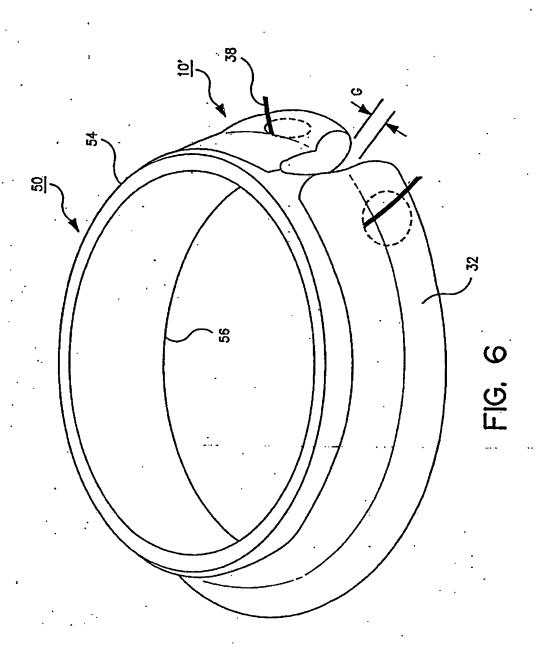
FIG. 2

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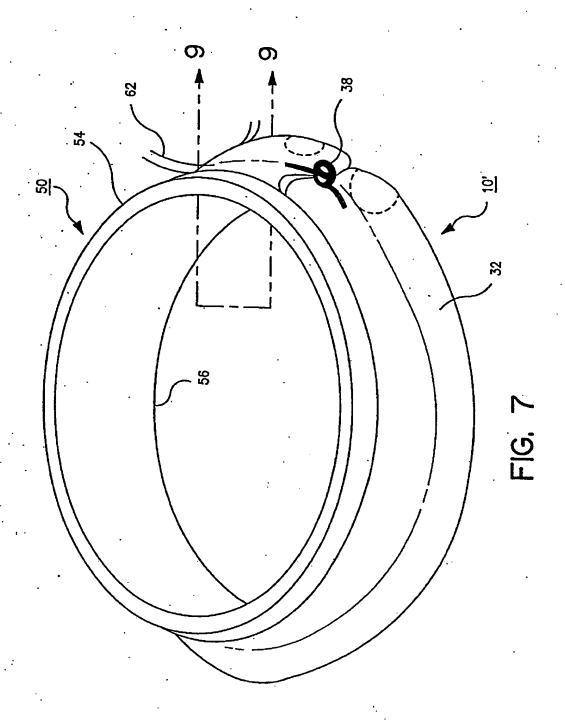


36 30 FIG. 4

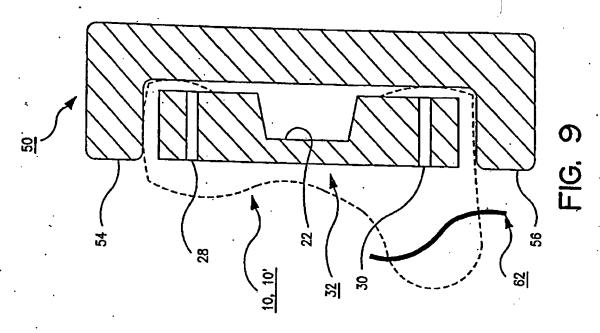
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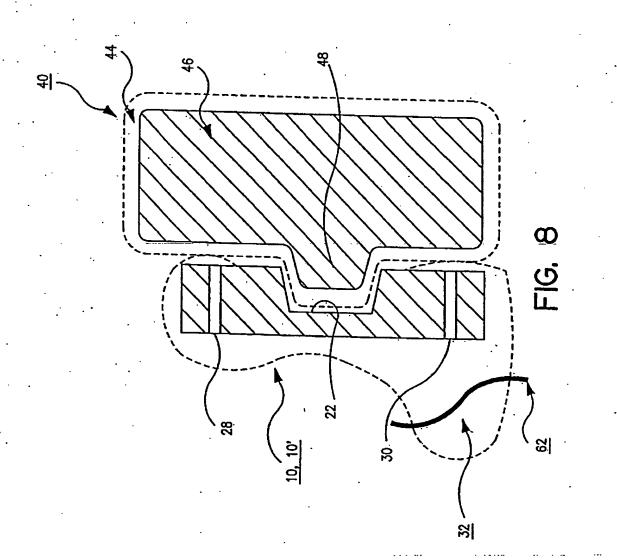


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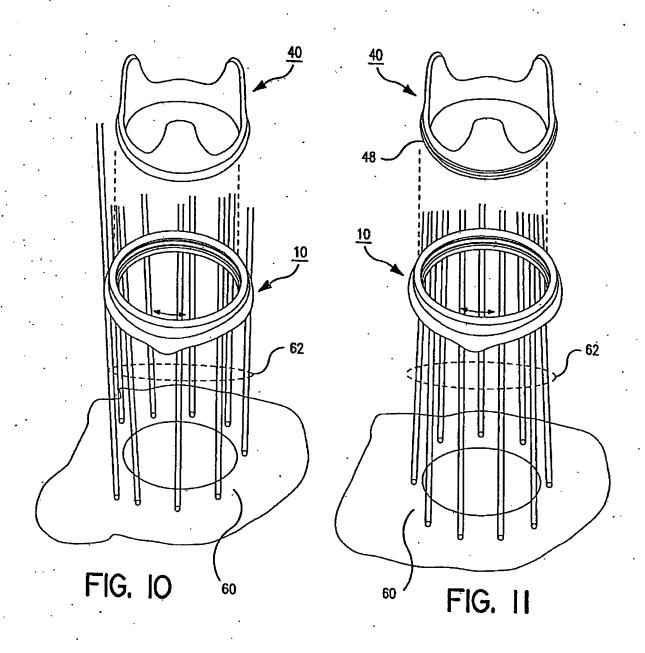


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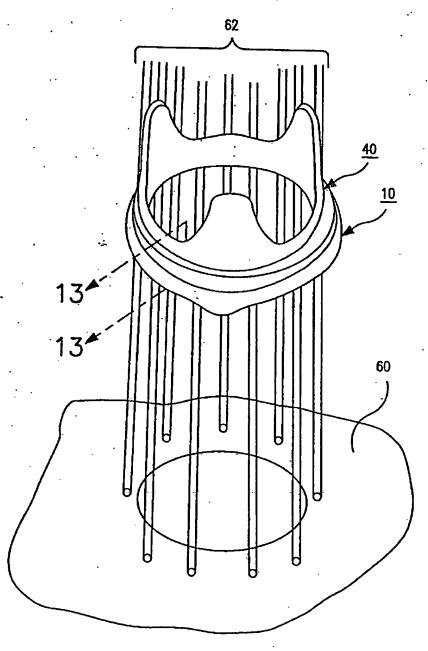
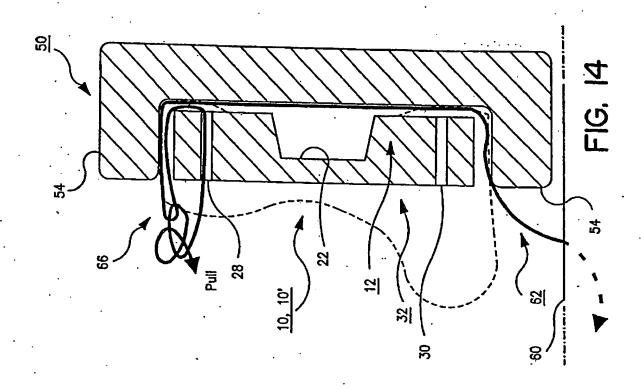
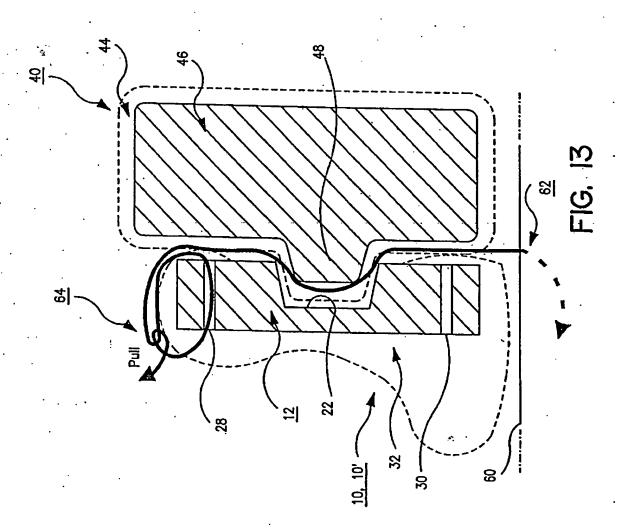


FIG. 12

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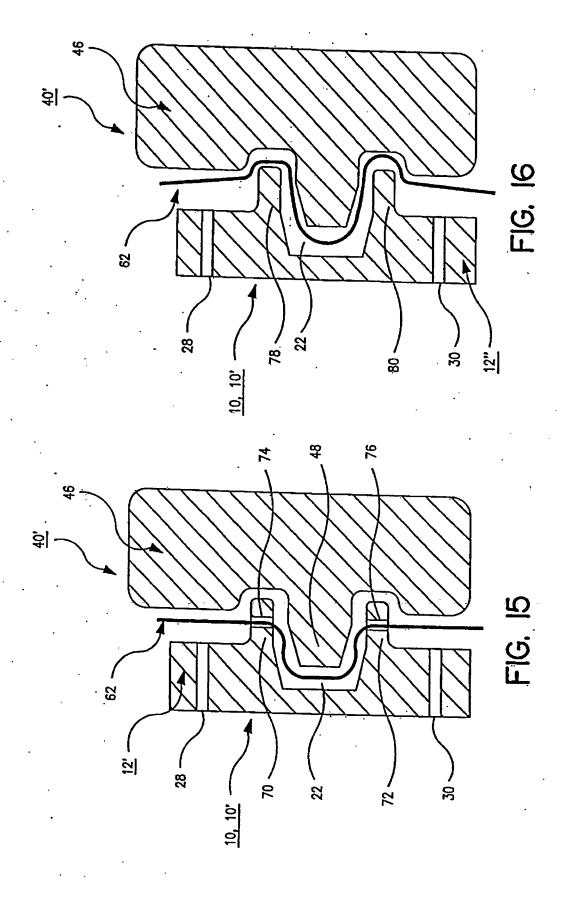




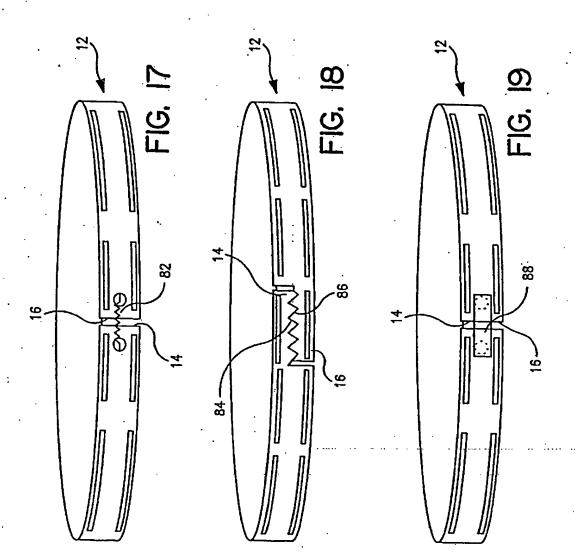
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SHEET 12 OF 39 PLACE PLURALITY OF SUTURES, OR A SINGLE RUNNING SUTURE, **S100** THROUGH PLURALITY OF VALVAR RIM SITES & SUTURE GUIDES OF SUTURING RING ALIGNED WITH VALVAR RIM SITES ADVANCE THE SUTURING RING OVER THE PLURALITY OF SUTURES S102 OR SEGMENTS OF THE SINGLE RUNNING SUTURE AGAINST THE VALVAR RIM LOCK THE SUTURING RING TO THE ANNULAR RIM S104 USING A SINGLE KNOT OF A RUNNING SUTURE OR A HITCH IN EACH OF THE PLURALITY OF SUTURES **S106** IF NECESSARY, ADJUST THE SUTURING RING ANNULUS TO RECEIVE THE VALVE FRAME S108 INSERT THE VALVE FRAME INTO THE SUTURING RING ANNULUS **S110** ROTATE AND SEAT VALVE FRAME INTO THE SUTURING RING ANNULUS AS NECESSARY **S112** ADJUST SUTURING RING ANNULUS AGAINST SEAT VALVE FRAME AND SUTURE SEGMENTS AS NECESSARY **S114** OPERATE INTERLOCKING RESTRAINT TO ENTRAP VALVE BODY AND SUTURE SEGMENTS IN SUTURING RING ANNULUS **S116** TRIM AWAY EXCESS SUTURE END(S)

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FIG. 20

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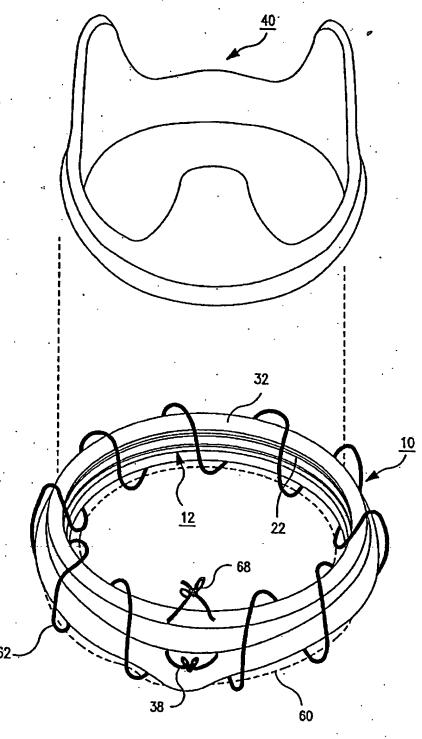


FIG. 21

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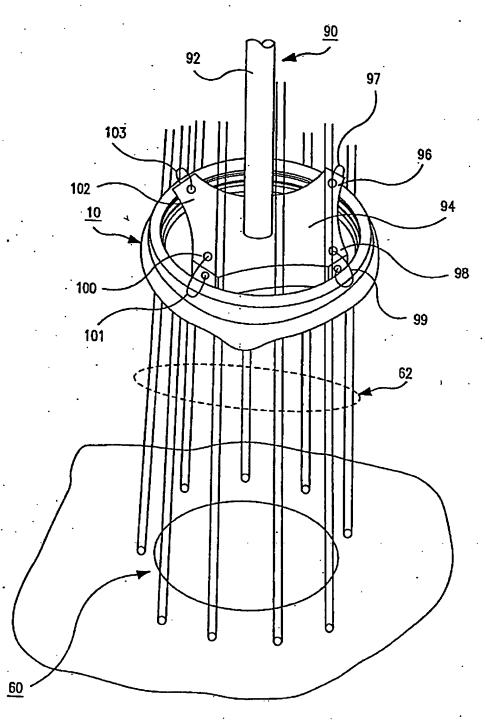


FIG. 22

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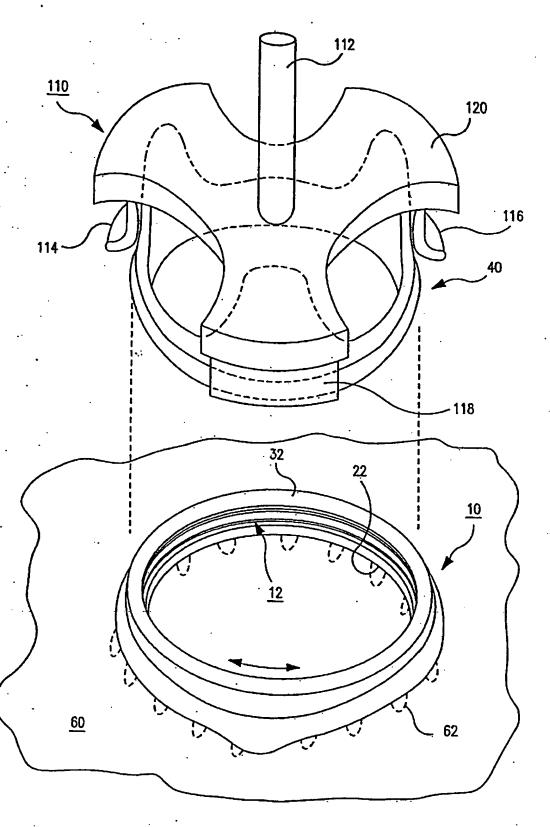
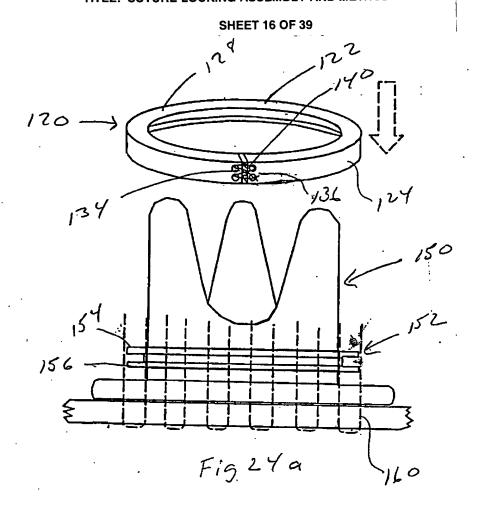
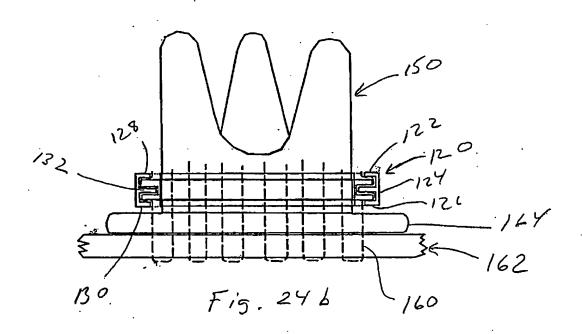
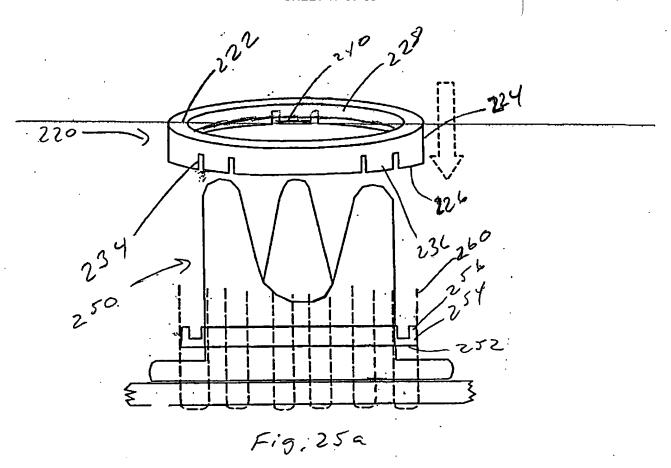


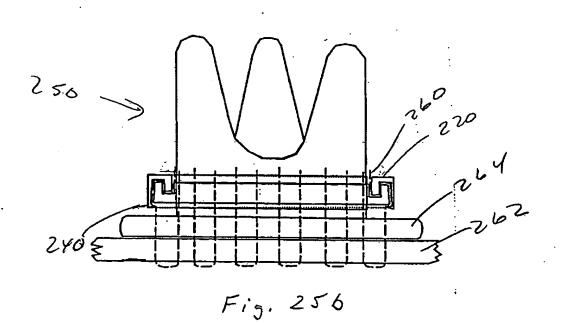
FIG. 23

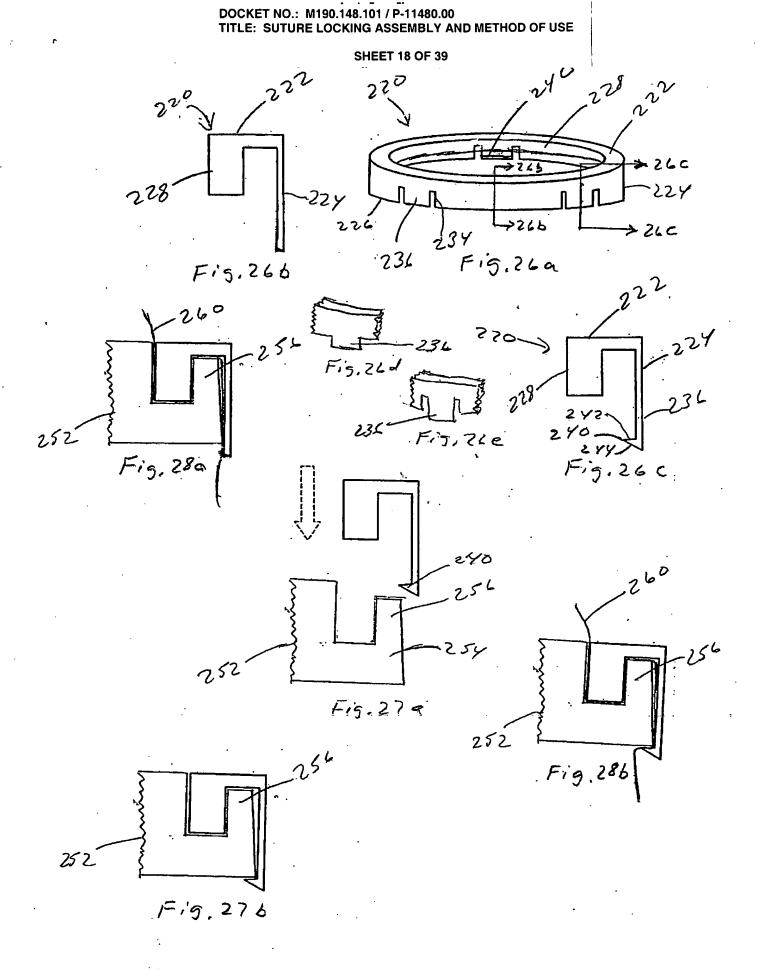




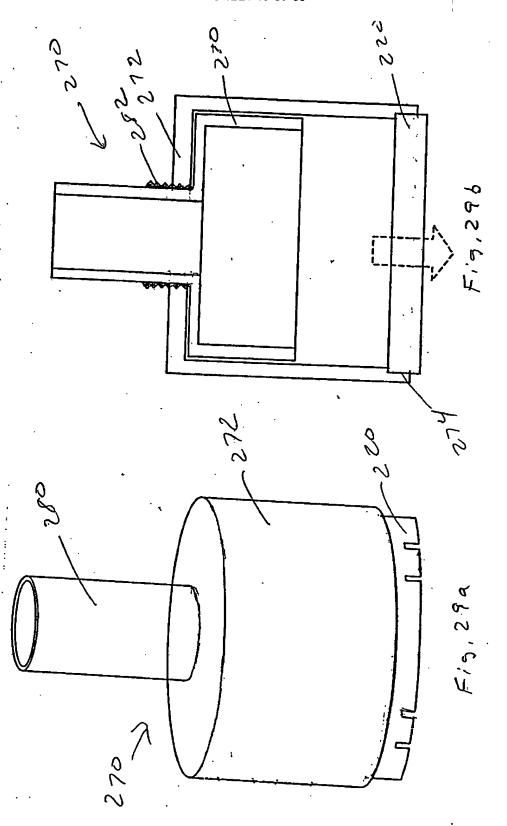
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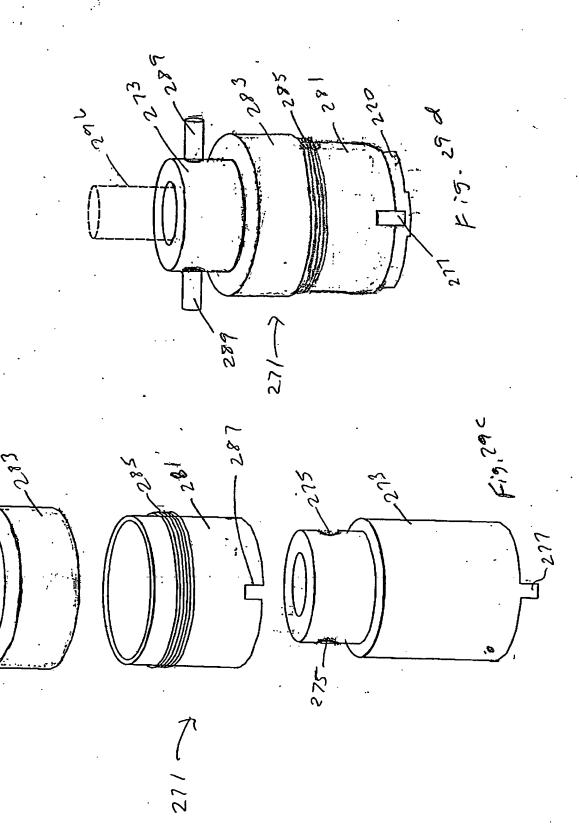




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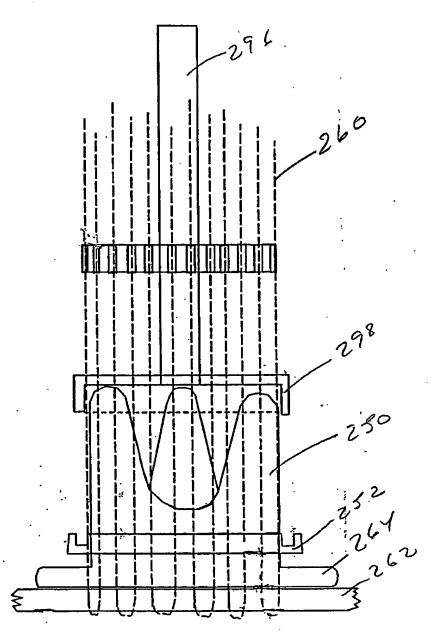
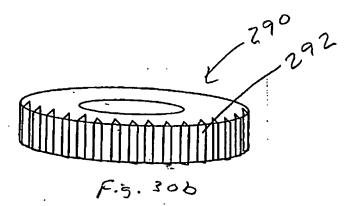


Fig. 309



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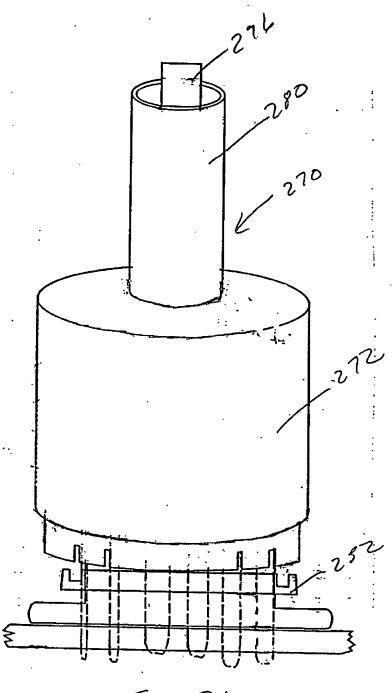
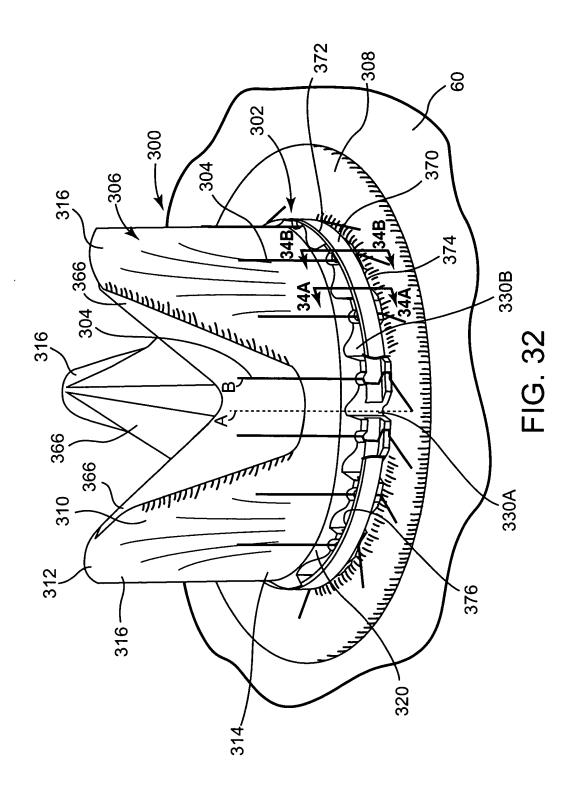


Fig. 31

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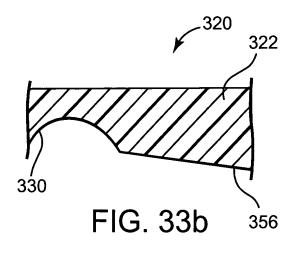
DOCKET NO.: M190.148.101 / P-11480.00
TITLE: SUTURE LOCKING ASSEMBLY AND METHOD OF USE **SHEET 24 OF 39** 330B 346 322 344 356 342 330A 340 336B 350 336A 308 -330 326 324 332 328~ -324 -300 -326 330 306 316 336 336B 998 316 FIG. 33 366 366 316 314

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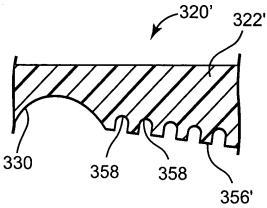


FIG. 33c

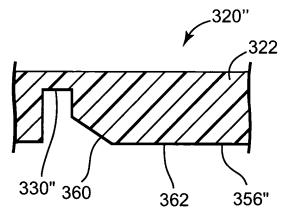
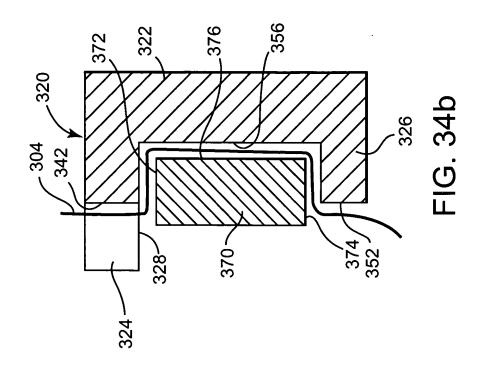
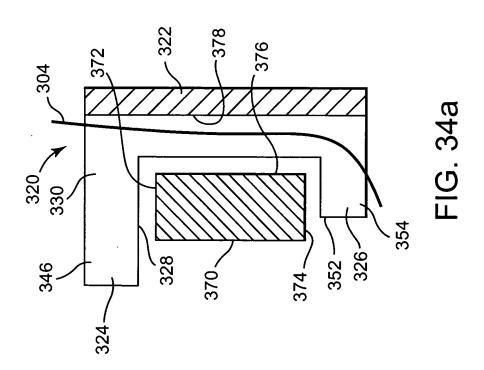


FIG. 33d

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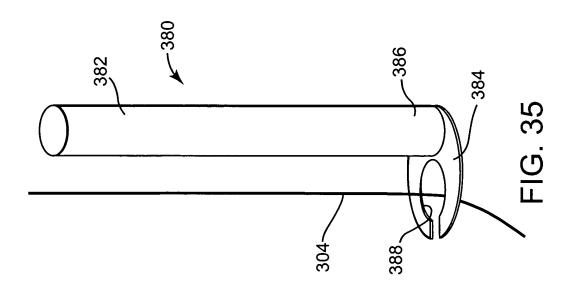


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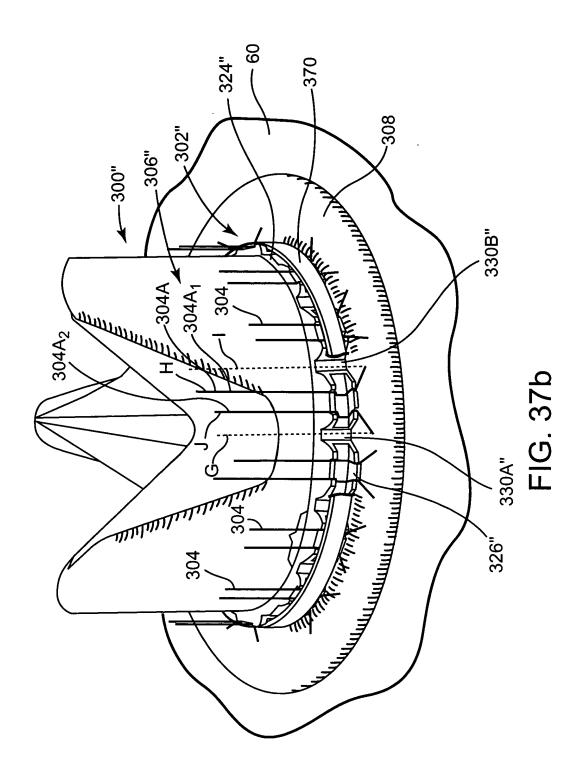
DOCKET NO.: M190.148.101 / P-11480.00 TITLE: SUTURE LOCKING ASSEMBLY AND METHOD OF USE **SHEET 28 OF 39** 406 .302 392 394 FIG. 36a^{336A'} 390 330A 330' 408 308 402 324' 302' 332' 9 326 356'-322, 320' -300'.306' لملسسسسينكيستسسين 3300 36a dimminimini. 330B' FIG. 36 330A' 370 326' 336, 324

DOCKET NO.: M190.148.101 / P-11480.00
TITLE: SUTURE LOCKING ASSEMBLY AND METHOD OF USE **SHEET 29 OF 39** -328 330B" 320" 332" 404" FIG. 37a 392" | 394" 390"420 330A" 90 370 -324" -320" 402" 326" 330" 332" 324" -302" 322" 356" .306" **★** 300" .304A -304A₁ annimment. 37a 304A₂ 330" 326" 330" 336",

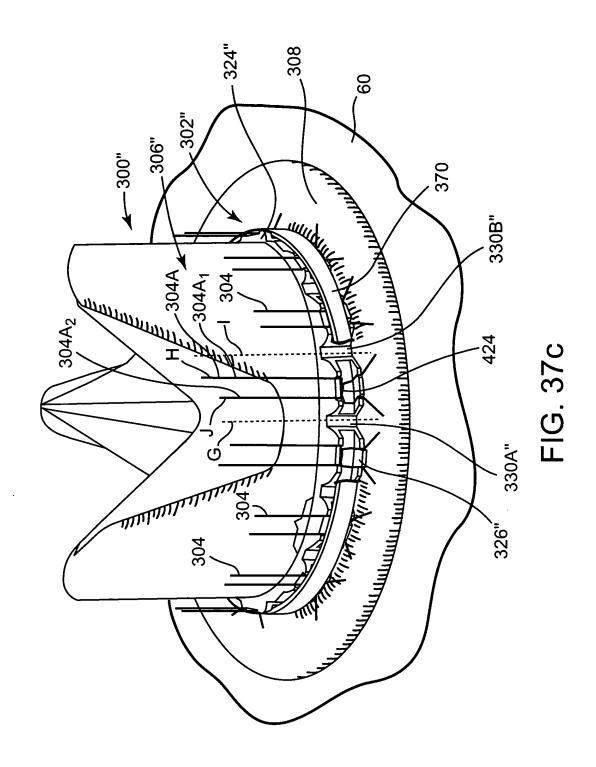
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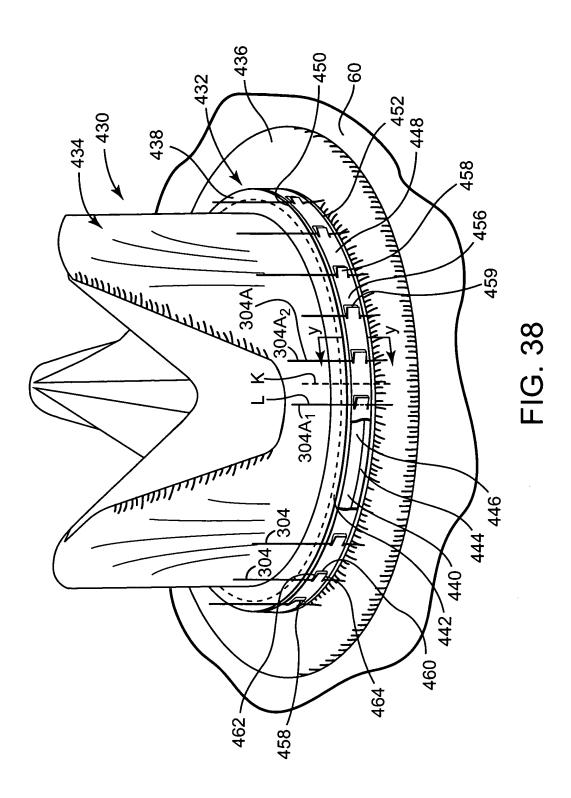
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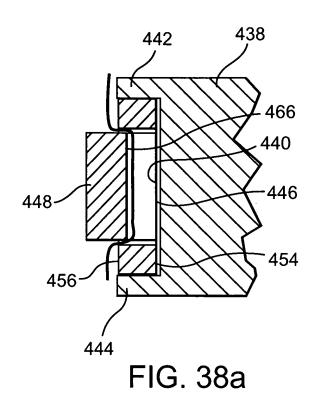
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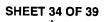


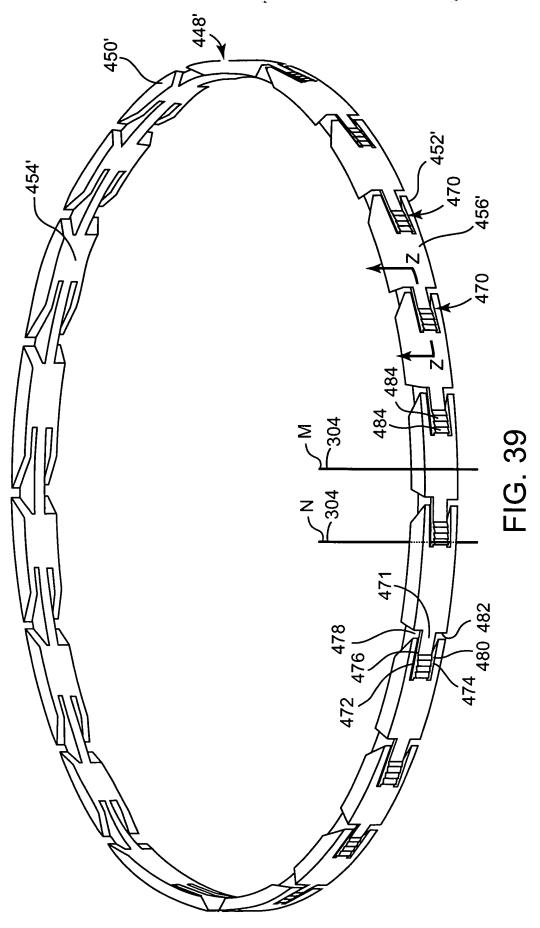
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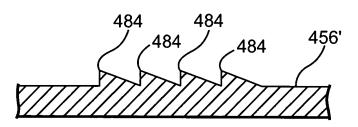


FIG. 39a

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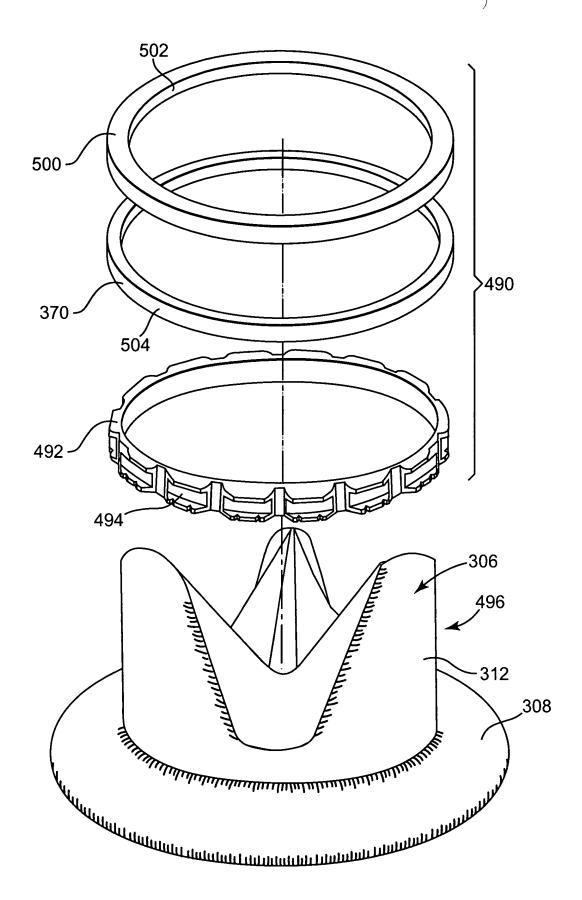
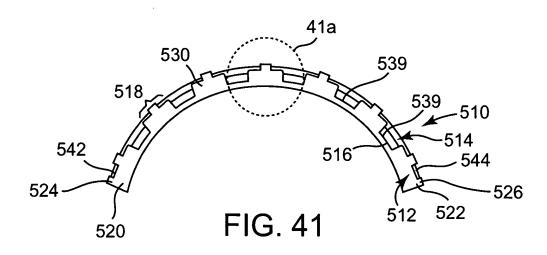


FIG. 40

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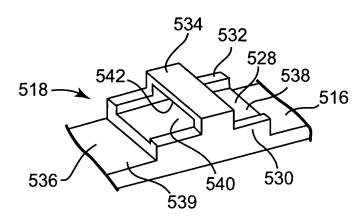
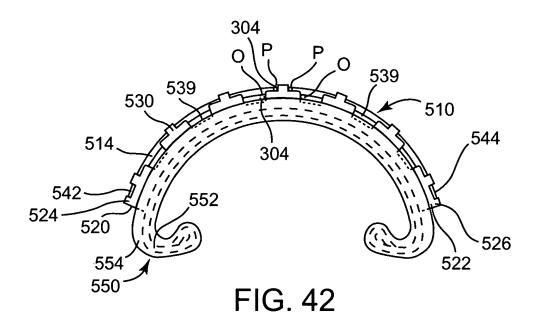
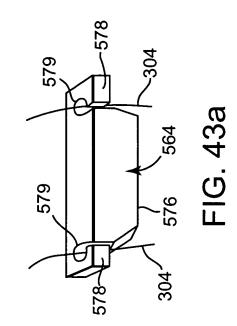
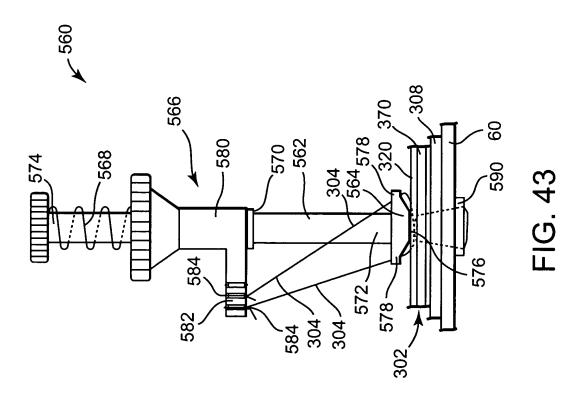


FIG. 41a



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